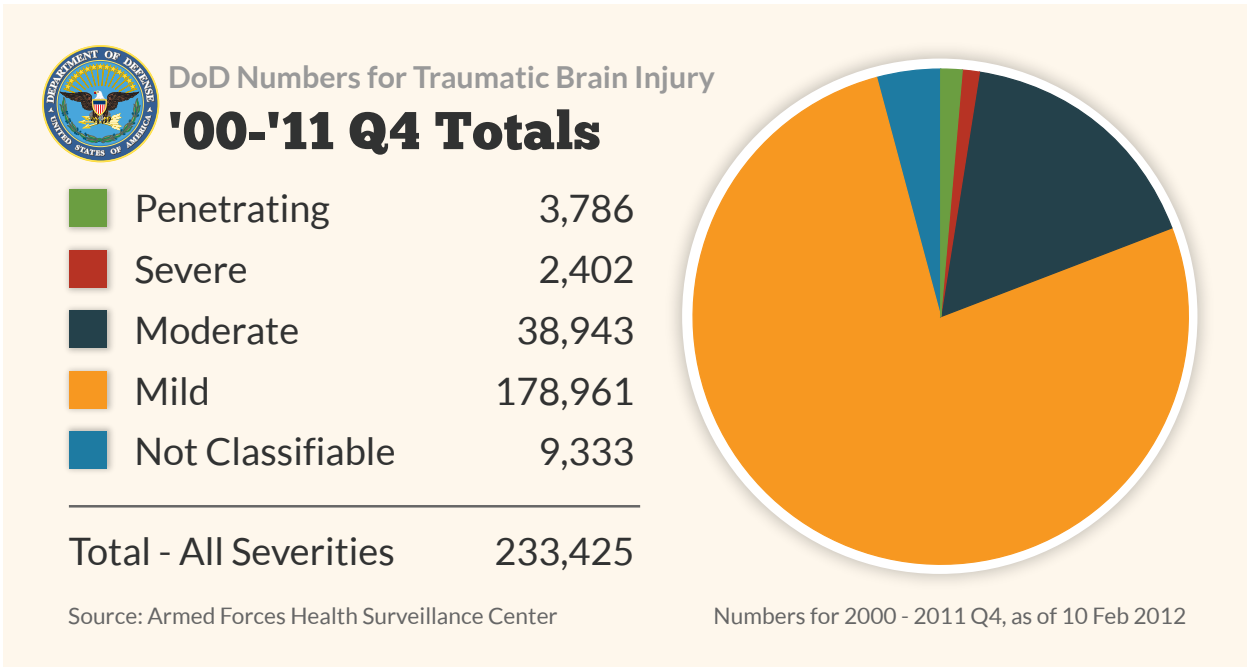


## TBI Numbers By Severity – All Armed Forces



**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

*Numbers for 2000 - 2011 Q4, as of 10 Feb 2012*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Army



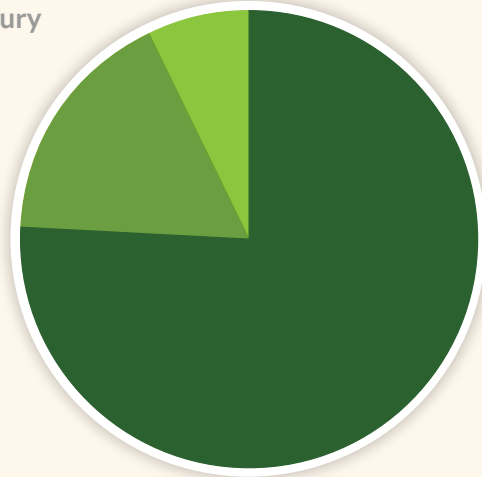
DoD Numbers for Traumatic Brain Injury

**'00-'11 Q4 Army**

Active	102,385
Guard	22,921
Reserves	9,632

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Total - Army 134,938



Source: Armed Forces Health Surveillance Center

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2000 - 2011 Q4
Army	Active	Penetrating	1,855
		Severe	1,092
		Moderate	16,312
		Mild	76,523
		Not Classifiable	6,603
	Guard	Penetrating	356
		Severe	235
		Moderate	3,805
		Mild	17,349
		Not Classifiable	1,176
	Reserves	Penetrating	122
		Severe	78
		Moderate	1,602
		Mild	7,393
		Not Classifiable	437

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Navy



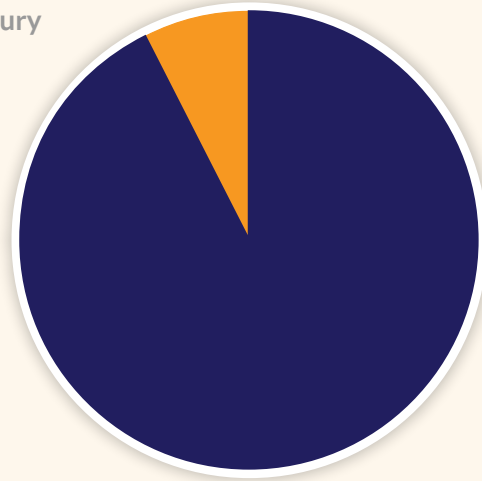
DoD Numbers for Traumatic Brain Injury

### '00-'11 Q4 Navy

Active	30,005
Reserves	2,374

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Total - Navy 32,379



Source: Armed Forces Health Surveillance Center

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2000 - 2011 Q4
Navy	Active	Penetrating	437
		Severe	299
		Moderate	5,595
		Mild	23,355
		Not Classifiable	319
	Reserves	Penetrating	34
		Severe	20
		Moderate	419
		Mild	1,881
		Not Classifiable	20

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Air Force



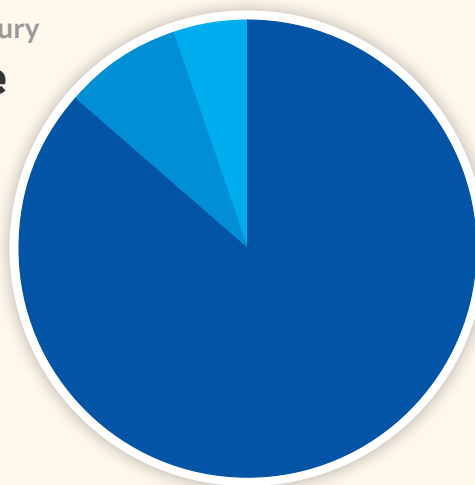
DoD Numbers for Traumatic Brain Injury

### '00-'11 Q4 Air Force

Active	27,750
Guard	2,721
Reserves	1,648

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Total - Air Force 32,119



Source: Armed Forces Health Surveillance Center

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2000 - 2011 Q4
Air Force	Active	Penetrating	364
		Severe	264
		Moderate	4,216
		Mild	22,686
		Not Classifiable	220
	Guard	Penetrating	37
		Severe	17
		Moderate	397
		Mild	2,252
		Not Classifiable	18
	Reserves	Penetrating	19
		Severe	17
		Moderate	252
		Mild	1,342
		Not Classifiable	18

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Marines



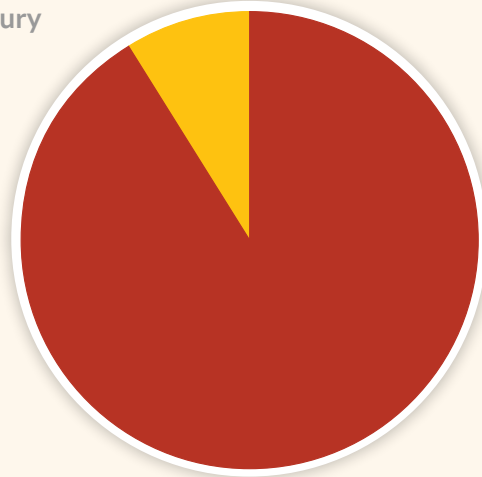
DoD Numbers for Traumatic Brain Injury

**'00-'11 Q4 Marines**

Active	31,062
Reserves	2,927

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Total - Marines 33,989



Source: Armed Forces Health Surveillance Center

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2000 - 2011 Q4
Marines	Active	Penetrating	516
		Severe	355
		Moderate	5,784
		Mild	23,919
		Not Classifiable	488
	Reserves	Penetrating	46
		Severe	25
		Moderate	561
		Mild	2,261
		Not Classifiable	34

Numbers for 2000 - 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)